



# Warfighter Outcomes (WFO) Overview

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# **Agenda**



- ARCIC's role in S&T and the Operational Environment
- Army Science & Technology Stakeholders
- What are Warfighter Outcomes (WFOs)?
- Conclusion



#### Unclassified

# **ARCIC Mission and Vision**



## **ARCIC Mission**

Develop, evaluate, and integrate concepts, requirements, and solutions for the Army – across DOTMLPF, Warfighting functions and formations – to provide Soldiers and units the capabilities they need to support Combatant Commanders

## **ARCIC Vision**

The Army's Concept and Capabilities architect, enabling the Joint Force Commander with an adaptive land force to Prevent, Shape, and Win in an uncertain future

\* DOTMLPF - Doctrine, Organizations, Training, Materiel, Leadership and Education, Personnel, Facilities



# **Army S&T Strategic Stakeholders**





ARCIC
Warfighters'
Needs









Title 10 Authority

RDECs/Labs/OGAs-Technology Availability And Development













Programs of Record
Increased Capability



**HQDA G-8** *Resources* 

ASA(ALT)

G-1/G-2/G-4/G-6
HQDA Staff
Input





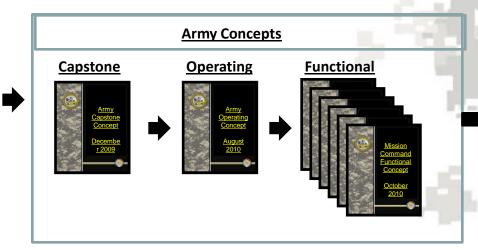
## From Guidance to WFOs



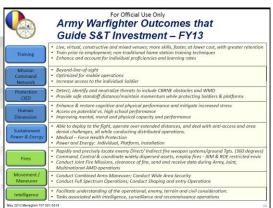
#### Strategic Guidance



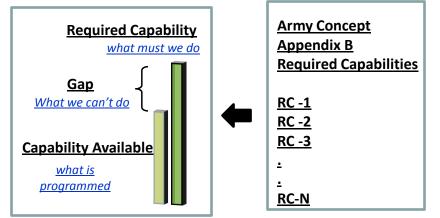




### Warfighter Outcomes - Gaps S&T may fill (within Single Gaps List)



## <u>Capability Needs Assessment</u> <u>Formation Based Assessment</u>





# FY13 WFOs



## Functionally Aligned FY13 Warfighter Outcomes Level One Big Ideas

## **Protection WFOs**

- **(P-1) Counter IED and Mine** The Future Force must have the ability to detect, classify and neutralize Explosive Hazards (IED, mines, booby traps, UXO and CBRN) and/or their components from a sufficient standoff distance. The Future Force requires the capability to locate the hazard, determine the type of hazard, select the best method of neutralization, mitigate, and ascertain the potential effects on the environment. This capability will allow the commander to assure mobility while protecting Soldiers and platforms from the effects of these threats and hazards.
- **(P-2) Combat Identification** The Future Force requires the capability to identify friend, enemy, neutral and noncombatant during unified land operations to prevent fratricide and protect populations.
- **(P-3) Hazard Detection On-the-Move** The Future Force requires the capability to detect explosive hazards at standoff ranges and convoy speeds. Enable Soldiers conducting area/route clearance to avoid kill zones by detecting explosive hazards at greater standoff and operating speeds.
- **(P-17) Identify and Mitigate Subterranean Threats** The Future Force requires the capability to detect subterranean passageways to prevent enemy or detainee activity below the surface of the Earth.



# **Conclusion**



- Standalone statements that articulate specific capabilities needed for the Warfighter.
- Provide both rationale and metrics for the stated capability.
- Used to inform and validate the Army's S&T investment.
- They are the sole reference used by Capability Developers to validate Army 6.2 and 6.3 programs.
- Organized along the Warfighting Functions, prioritized based on the most compelling capability requirements
- Publically releasable version http://www.arcic.army.mil/Docs/FY12%20TRADOC%20Warfighter%20Outcomes.pdf